

Personal Information						
Surname:	Yfantis					
Name:	Elias					
Rank:	Unranked					
School:	School of Sciences & Engineering					
Department:	Department of Engineering					
Academic Domain:	Mechanical Engineering					
Educational Qualifications						
Degree Title	Awarding Institution					Year Awarded
PhD Mech. Eng.	National Technical University of Athens					1992
Dipl. Eng. Mech. Eng.	National Technical University of Athens					1987
Employment History						
Period of Employment (MM/YY-MM/YY)	Employer			Location	Position	
09/2017-onwards	University of Nicosia			Cyprus	Unranked	
1999 – 2017	Hellenic Naval Academy			Piraeus Greece	Professor for Marine Engines	
1995 – 1999	Hellenic Naval Academy			Piraeus Greece	Associate Professor for Marine Engines	
1992 – 1994	Velesino, Composite Agricultural Fertilizers, Industrial & Commercial S.A.			Piraeus & Volos, Greece	Mechanical Engineer (part-time)	
Publications						
<i>Key <u>refereed</u> journals / conference publications / books (monographs, co-authored, edited, chapters) (list up to 10 most recent and important ones)</i>						
	Year	Title	Authors	Journal/Conference/ Book/etc	Vol. No /ISBN	Pages
1	2013	Greek National Potential and the Design of a New Naval Vessel	Yfantis, E.A., editor and co-author	Book		451
2	2013	Internal Combustion Engines Computational Applications	Hountalas, D.T., Yfantis, E.A., Zannis, T.C. & Papagiannakis, R.G.	Book		445

3	2013	Critical Review of the Effects of Diesel Fuel Composition and Properties on Engine Performance and Pollutant Emissions	Zannis, T.C., Yfantis, E.A., Hountalas, D.T., Papagiannakis, R.G. & Levendis, Y.A.	Chapter in Book "Diesel Fuels: Characteristics, Performances and Environmental Impacts"		pp. 1-59
4	2013	Diesel Engines	Zannis, T.C., Levendis, Y.A., Hountalas, D.T., Yfantis, E.A. & Papagiannakis, R.G.	Chapter in Book "Oxygen-Enhanced Combustion"		pp. 681-710
5	2010	Theoretical Study of the Effects of Engine Parameters on Performance and Emissions of a Pilot Ignited Natural Gas Diesel Engine	Papagiannakis, R.G., Zannis, T.C., Kotsiopoulos, P.N., Yfantis, E.A., Hountalas, D.T. & Rakopoulos, C.D	Journal "Energy"	Vol. 35, Issue 2	pp. 1129-1138
6	2017	Natural Gas Combustion in Marine Compression Ignition and Spark Ignition Engines: A Technological, Environmental and Economic Evaluation	Zannis, T.C., Yfantis, E.A., Katsanis, J.S., Pariotis, E.G., Papagiannakis, R.G. & Mohr, H.	11th Annual Meeting on Marine Technology, Hellenic Institute of Marine Technology	Vol. 1	Proc. pp 99-108
7	2016	A Simple Methodology for the Evaluation of Installing Variable Speed Drive Pumps on the Central Cooling System of Existing Ships	Pariotis, E.G., Zannis, T.C., Katsanis, J.S. & Yfantis, E.A.	10th Annual Meeting on Marine Technology, Hellenic Institute of Marine Technology	Vol. 1	Proc. pp 109-118
8	2014	Theoretical Study of the Effect of Speed, Load and Fuel Injection Timing on a Heavy-Duty DI Diesel Engine Friction Losses The 27th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Finland.	Zannis, T.C., Hountalas, D.T., Yfantis, E.A., Papagiannakis, R.G., Katsanis, I.S. & Xenis, N.	The 27th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, Finland		Proc. pp 234-247
9	2012	Modelling and Assessment of Compressor Faults on Marine Gas Turbines	Roumeliotis, I., Aretakis, N., Mathioudakis, K., Yfantis, E.A.	ASME Turbo Expo, USA		Paper No GT2012-69740
10	2010	Potentiality for Optimizing Operational Performance and Thermal Management of Diesel Truck Engine Rankine Cycle by Recovering Heat in EGR Cooler	Katsanos, C.O., Hountalas, D.T., Zannis, T.C., Pariotis, E.G & Yfantis, E.A.	SAE International Congress and Exposition, USA		Paper No 2010-01-0315

Funded Projects						
<i>(list up to 10)</i>						
	Project Title	Funding Agency	Project Duration (DD/MM/YY-DD/MM/YY)	Participation Status (e.g. Partner, Principal Investigator, Research Associate)	Total Project's Budget	Allocated / Awarded Budget to the Participant
1	Development of a Gas Turbine Virtual Laboratory for Educational and Research Purposes	Hellenic Ministry of National Defense	2003-2006	Partner		
2	Gas engines with liquid diesel fuel ignition	NTUA	1987-1991	Principal investigator		

Consultancy and Scholarly Work		
<i>(E.g. Membership in Boards, Editorial Committees, etc. List up to 10)</i>		
	Period (MM/YY-MM/YY)	Description
1	2006-	Editor-in-Chief of the Hellenic Naval Academy International Journal in Naval Sciences and Technology
2	2012-	Member of the Scientific Committee of the Annual Meetings of Marine Technology/Hellenic Institute of Marine Technology
3	1997-	National Representative (of Greece) in the NATO Science and Technology Organization and member of the Applied Vehicle Technology Panel
4	2017-	Member of the International Academic and Industry Board of the Marine and Maritime Research, Innovation and Technology Center of Excellence MaRITeC-X in Cyprus.
5	2016-2017	Member of the Working Group for Strategic Planning and R&D Projects at the Hellenic Ministry of Maritime Affairs and Insular Policy
6	2014-2016	Vice Mayor for Strategic Planning and Development at the Municipality of Dionysos, Attica, Greece
7	2004-2009	Dean of the Hellenic Naval Academy
8	1999-2017	Member of the Hellenic Naval Academy Council
9	2007-2017	Head of the Section of Naval Architecture & Marine Engineering at the Hellenic Naval Academy
10	2009-2017	Member of the Working Group for the Internal Evaluation and the Quality Assurance of the Academy and coordinator of the sub-Groups for Research and Strategic Planning and Academic Development